

1543

VESALIUS Publishes "De Humana Corporis Fabrica"
It was published in 1543 by Andreas Vesalius,
the Flemish professor of Anatomy at the
University of Padua. The introduction
of printing made accurate reproductions
of Vesalius's drawings widely available,
and the book became the standard
anatomical work.

He himself carried out dissections, on
human Cadavers as well as on Animals

and he invented new instruments for that purpose.

He left Padua at age 31 because of a storm of criticism raised by human dissections. He accepted the post of Physician to Emperor Charles V.

1543

Copernicus's Heliocentric Theory Published
Nicholas spent most of his adult life as a
canon at FRAUENBERG Cathedral. At university,
however, he had studied astronomy. He did
not make observations himself but relied
on the data of others. He accepted the Ptolemaic
notion that celestial bodies must move
in circles (and so retained epicycles in his
system), but he knew that in Ptolemy's model
they did not move at a uniform velocity,

To eliminate this defect Copernicus arrived at his heliocentric model: the earth moved around the sun and the appearance to the contrary was caused by the earth's rotation on its own axis. He did not publish because he feared ridicule from his inability to prove it beyond question. It was not fear of the church that made him timid. "On the Revolution of Heavenly Spheres" was published in 1543, a few weeks after his death, but it was not placed on the Church's Index of Forbidden Books for another 90 yrs, in the year of Galileo's trial.

1543

Copernican System
was advanced in 1543
by Polish astronomer
Nicola Copernicus (1473-
1543)

1543

First Protestants were burned
at the stake in Spain.

1543

Henry VIII married
Catherine Parr.
She survived him

1543

Nicolaus Copernicus published a book in which he described his ideas about how the earth and other planets move around the sun.

1543

Copernicus died

1543

NICOLAUS COPERNICUS

released for publication his great work
"De REVOLUTIONIBUS ORBIUM CAELESTIUM
(Concerning the Revolution of Celestial
Bodies).

Sun is central body of our universe
and that round it revolve the
earth and the other planets.

VESALIUS published the first accurate human anatomy.

Copernicus theorized that the Earth and other planets revolve around the Sun.

1543

Duncan; Cal

Copernicus:
De Revolutionibus

Year: 365d 5h 49m 29s.

July 12, 1543

England's King Henry VIII married
his 6th and last wife, Catherine
Parr.

He died 5/24/1543

Polish German Nicolaus Copernicus
published a treatise calledON THE REVOLUTIONS OF THE HEAVENLY
BODIES

- ① The earth is NOT the center of the universe
- ② All planets revolve around the sun; therefore it is the center of the solar system
- ③ What appear to us to be motions of sun rising is due to motion of the earth.

The earth revolves around the sun
like any other planet

He was born NIKLAS KOPERNIK at Thorn
on the Vistula R. He became a student at the
U. of Cracow, interested in mathematics
and astronomy. He studied under Albert
Brudzewski. Later he attended U. of Bologna,
U. of Ferrara; U. of Padua.

He worked out essentials of theory by 1530
He realized the earth wobbles as it spins. He
calculated the length of the yr to within 28 sec.